

Android Tourist Guide

This project android tourist guide provides the tourist with city map depending on its current location entered by the android phone user. This information helps the tourists to find the desired locations to visit. Well, it consists of entire details of those locations or how to reach the location as well as other emergency amenities like hospitals, institutes, bus stops etc but it provides the basic information to decide the places to visit. This project is mainly beneficial for the tourist's having no idea about the places they want to visit. By providing a geographic based information system the tourists and people shifting to new cities can get a better guidance of the places they want to visit. This proposed application does not require any internet access and thus eliminates the disadvantage of single point failure. By making the application GIS based, it includes many advantages as the user can view the required location in map and accordingly estimate the time that will be required to reach the final destination. The system gives the basic details that will be required such as an image of that place along with basic details like the address, contact no etc. The user can also zoom in and zoom out to seek a better view.

Features:

- **User login:** This allows only the registered users to login in order to use this location tracking application.
- **Location based information:** The Tourist is just required to enter the location and can view the information about places depending on the location entered.
- **Navigation:** The user can easily navigate through the map in order to find the desired location.

Front End: Android Studio

Backend: My Sql

Software Requirements:

- Windows Xp, Windows 7(ultimate, enterprise)
- Android Development Toolkit(ADT)
- Android studio

Hardware Components:

- Processor – i3
- Hard Disk – 5 GB
- Memory – 1GB RAM
- Android device
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Advantages:

- This project has a login page which allows only the registered user to login and thereby preventing unauthorized access.
- This system can be used to view the location view in map that the user wishes to reach.
- The user can also find the paths to follow to reach the final destination in map which gives a better view to the users.
- Since the location can be viewed in map, the user can even zoom in and zoom out to get a better view.
- The usage of this application greatly reduces the time required to search for a place.
- The application also leads to quicker decision making with respect to places to visit.

Disadvantages:

- The android mobile user will not be able to insert or view details if the server goes down. Thus, there is disadvantage of single point failure.

Applications:

- This application can be used by any common people visiting new places.
- The application can prove very beneficial to the tourist who have very less or completely no idea about the places to visit.